

Converting Colors

YIQ(78.7380, 41.5400, -3.9320)

Have a look what the booklet for
YIQ(78.7380, 41.5400, -3.9320)
contains.

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Color

**YIQ(78.7380, 41.5400,
-3.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	74461A
RGB	116, 70, 26
RGB Percent	45%, 27%, 10%
CMY	0.5450, 0.7256, 0.8978
CMYK	0.00, 0.40, 0.78, 0.55
HSL	29°, 63%, 28%
HSV	29°, 78%, 45%
XYZ	9.5812, 8.1671, 2.0517
YIQ	78.7380, 41.5400, -3.9320

Conversions

Conversions Part 2

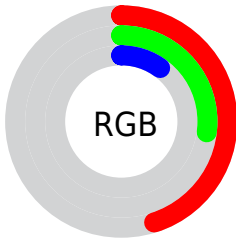
Format	Color
R_{YB}	116, 112, 26
Decimal	7620122
CIE Lab	34.33, 15.77, 33.55
CIE LCh	34, 37.073, 64.830
Yxy	8.1671, 0.4839, 0.4125
Android (android.graphics.Color)	4285810202 (0xFF74461A)
YUV	78.7380, -25.9998, 32.6788
Hunter-Lab	28.5782, 9.8326, 15.7482

Details

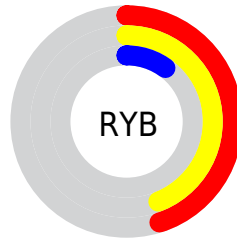
The YIQ color **78.7380, 41.5400, -3.9320** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **63.2620, -41.5400, 3.9320**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4890, 46.6750, -3.3810**, and **34.0990, 30.3980, -0.2420** is the 20% darker color. If you saturate the color by 10%, you get **73.8480, 47.0420, -4.5260**, and if you desaturate by 10%, it is **83.6280, 36.0380, -3.3380**.

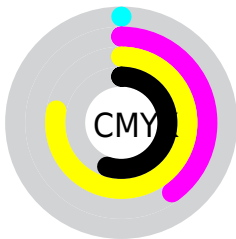
Distribution



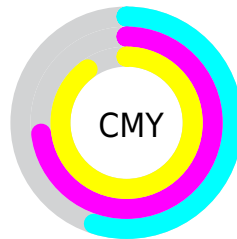
- Red (45%)
- Green (27%)
- Blue (10%)



- Red (45%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (78%)
- Black (55%)



- Cyan (55%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.7380, 41.5400, -3.9320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 78.7380, 41.5400, -3.9320 by changing the saturation by 10% instead.

■ 78.7380, 41.5400,
-3.9320

■ 78.7380, 41.5400,
-3.9320

■ 255.0000, -0.0000,
-0.0000

■ 54.4280, 39.4770,
-5.0910

■ 129.4890, 46.6750,
-3.3810

■ 34.0990, 30.3980,
-0.2420

■ 155.3860, 48.4630,
-2.7450

■ 13.4220, 22.4190,
6.6990

■ 183.0550, 50.8930,
-2.7310

■ 0.0000, 0.0000,
0.0000

■ 209.3430, 50.0220,
-3.4660

■ 228.8570, 33.6550,
-9.7130

■ 248.9580, 17.0130,

-16.4830

■ 252.2640, 7.7040,
-7.4640

■ 78.7380, 41.5400,
-3.9320

■ 78.7380, 41.5400,
-3.9320

■ 73.8480, 47.0420,
-4.5260

■ 83.6280, 36.0380,
-3.3380

■ 69.0720, 52.2230,
-4.8090

■ 88.4040, 30.8570,
-3.0550

■ 68.1430, 53.4610,
-5.2190

■ 93.2940, 25.3550,
-2.4610

■ 98.0700, 20.1740,
-2.1780

■ 102.9600, 14.6720,
-1.5840

■ 107.8500, 9.1700,
-0.9900

■ 112.6260, 3.9890,
-0.7070

■ 116.9290, -1.2380,
0.4100

■ 121.7050, -6.4190,
0.6930

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3880, 46.1220, 12.1540



78.7380, 41.5400, -3.9320



76.8790, 27.4210, -17.8830

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7380, 41.5400, -3.9320



65.4550, -53.4100, -23.2500



82.6950, -8.4860, 21.6420

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.7380, 41.5400, -3.9320



63.2620, -41.5400, 3.9320

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9710, -53.7820, 5.5300



78.7380, 41.5400, -3.9320



68.1740, -62.4440, -13.7080

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7380, 41.5400, -3.9320



62.8400, -38.7370, -30.3610



68.1060, -67.7640, -5.3960



82.5970, 21.2690, 27.5490

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7380, 41.5400, -3.9320



74.6320, 11.8790, -22.5610



68.1060, -67.7640, -5.3960



80.8290, -20.7270, 17.7130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.7380, 41.5400, -3.9320



136.1450, 15.5890, -1.6830



58.2680, 38.5530, 33.6970



68.0350, 10.0870, -1.0890



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7380, 41.5400, -3.9320



92.4770, 64.1440, -6.0960



105.1530, 29.1650, -27.4670



56.5550, 2.7510, -0.2970



71.6980, 56.2120, -5.5160



146.3640, 115.4500, -10.8060

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.2620, -41.5400, 3.9320



68.5230, -64.1440, 6.0960



37.4340, -29.4400, 26.9440



55.4450, -2.7510, 0.2970



50.8890, -56.4870, 4.9930



103.6360, -115.4500, 10.8060

Previews

White Background



This preview shows how the YIQ color 78.7380, 41.5400, -3.9320 looks on a white background.

Color Contrast Check

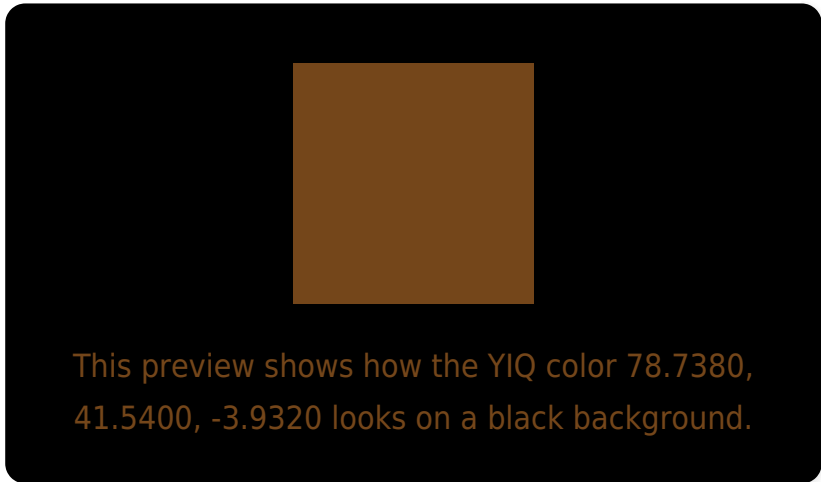
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 78.7380, 41.5400, -3.9320

Background



This preview shows how black text looks on a background with the YIQ color 78.7380, 41.5400, -3.9320.



This preview shows how white text looks on a background with the YIQ color 78.7380, 41.5400,

-3.9320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.7380, 41.5400, -3.9320

Protanopia

78.0620, 22.6520, -14.0520

Deuteranopia

78.4330, 31.9130, -11.1830



Tritanopia

82.0040, 29.7080, 12.2680

Trichromacy



Original Color

78.7380, 41.5400, -3.9320

Protanomaly

78.2910, 29.4370, -10.3630

Deuteranomaly

78.2810, 35.3970, -8.2430

Tritanomaly

80.4680, 33.9730, 6.5570

Monochromacy



Original Color

78.7380, 41.5400, -3.9320

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9600, 14.6720, -1.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.7380, 41.5400, -3.9320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 70, 26)` looks like.

```
.text, #text, p{  
    color:rgb(116, 70, 26)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 70, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 70, 26) }
```

Border

The CSS property to change the border of an element to YIQ 78.7380, 41.5400, -3.9320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 70, 26) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(116, 70, 26) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(116, 70, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 70, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 70, 26);  
box-shadow:4px 4px 4px 4px rgb(116, 70,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 78.7380, 41.5400, -3.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 70, 26) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116, 70,  
26) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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